FIG 3

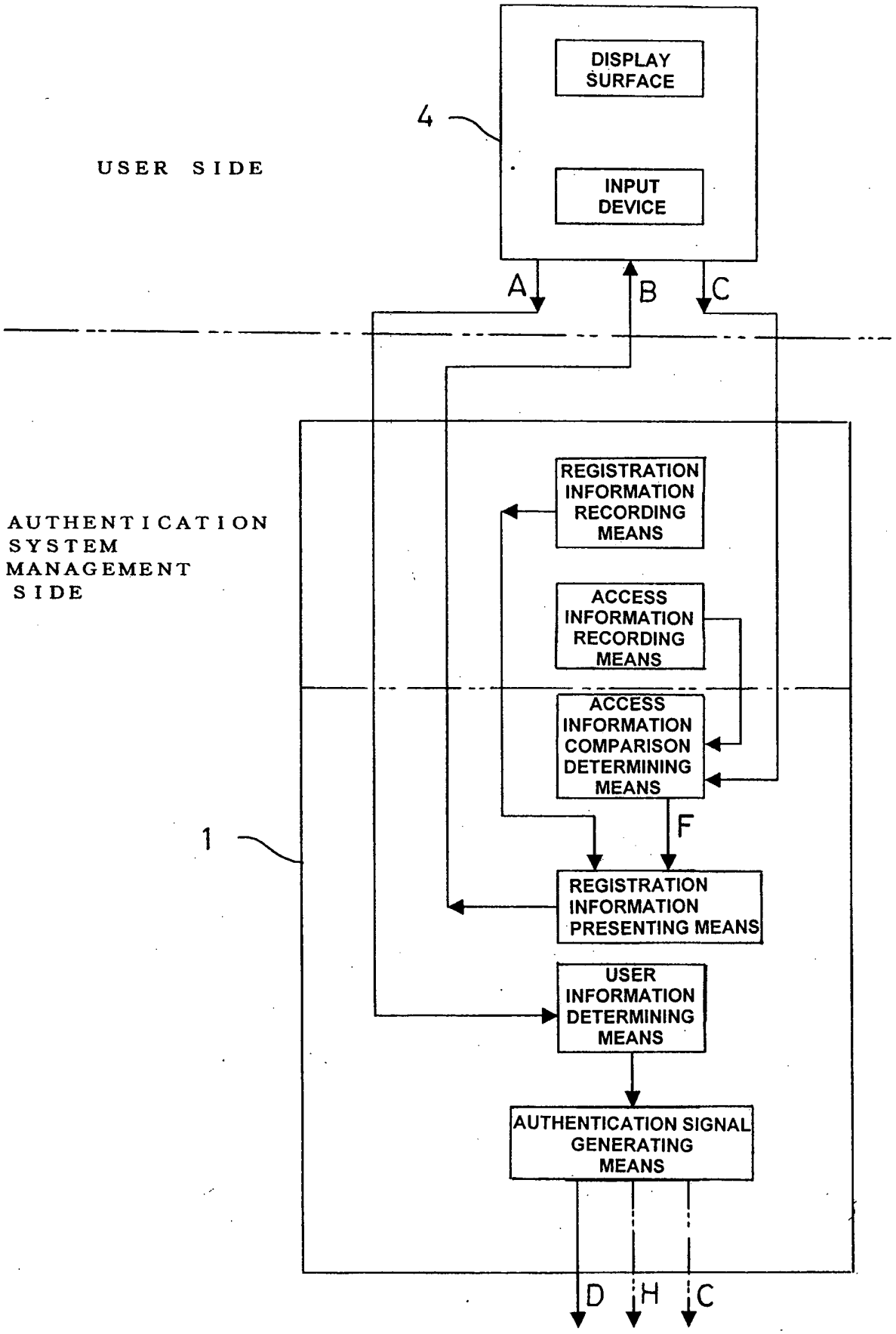

DISPLAY SURFACE
4
USER SIDE
INPUT DEVICE
A
B
C
AUTHENTICATION SYSTEM MANAGEMENT SIDE
REGISTRATION INFORMATION RECORDING MEANS
ACCESS INFORMATION RECORDING MEANS
ACCESS INFORMATION COMPARISON DETERMINING MEANS
1
F
REGISTRATION INFORMATION PRESENTING MEANS
USER INFORMATION DETERMINING MEANS
AUTHENTICATION SIGNAL GENERATING MEANS
D
H
C

FIG 4

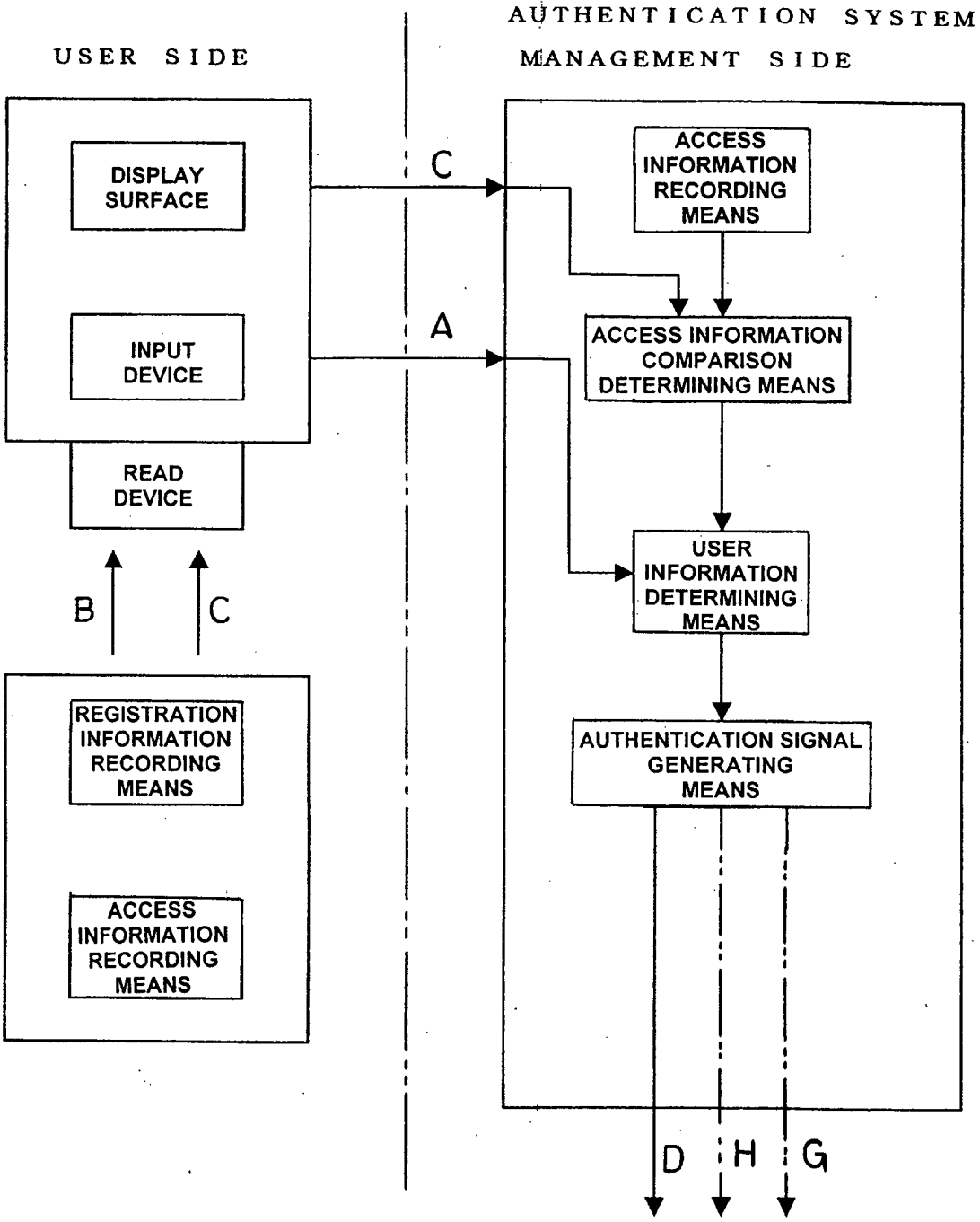
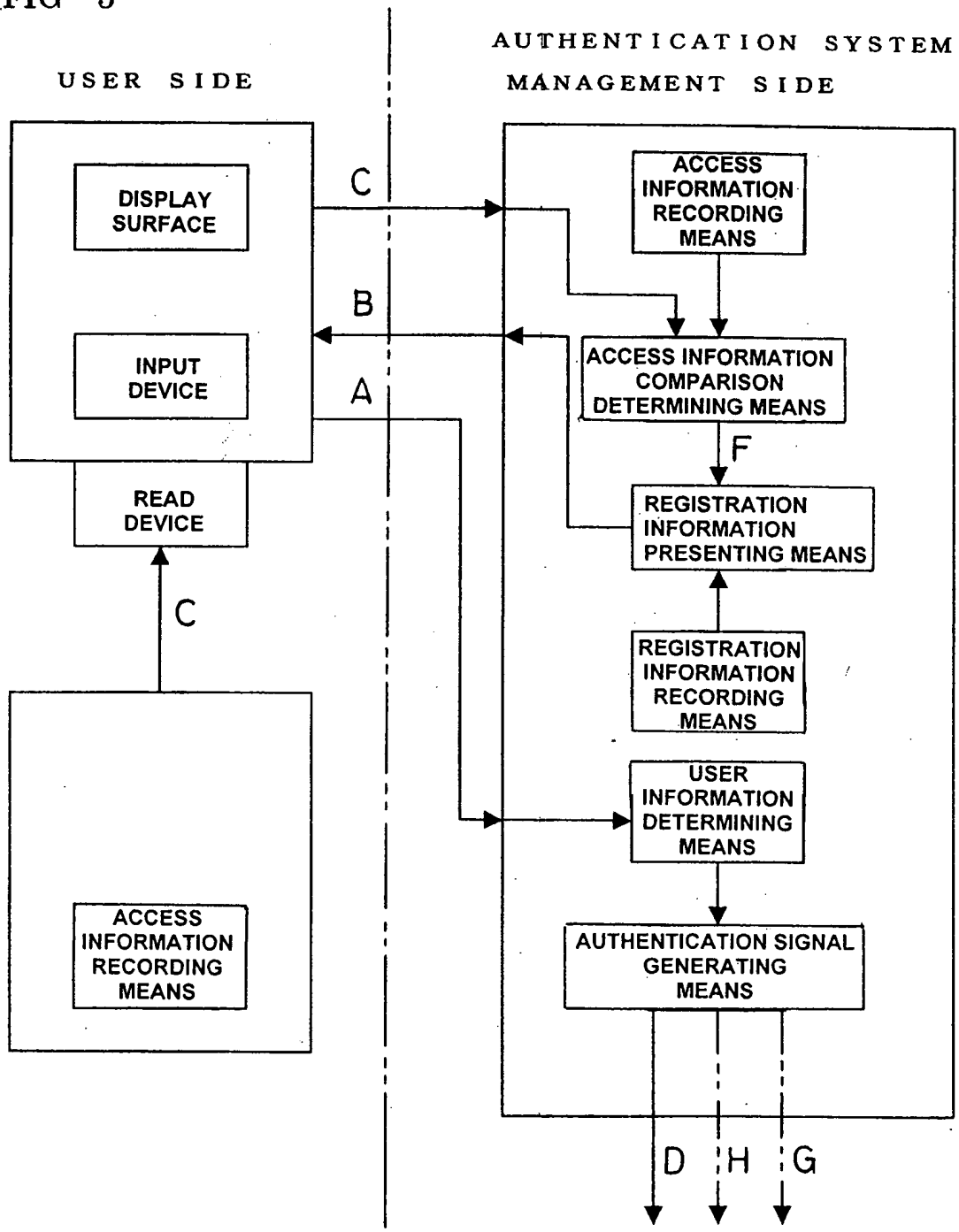

USER SIDE
AUTHENTICATION SYSTEM MANAGEMENT SIDE
DISPLAY SURFACE
INPUT DEVICE
READ DEVICE
REGISTRATION INFORMATION RECORDING MEANS
ACCESS INFORMATION RECORDING MEANS
ACCESS INFORMATION RECORDING MEANS
ACCESS INFORMATION COMPARISON DETERMINING MEANS
USER INFORMATION DETERMINING MEANS
AUTHENTICATION SIGNAL GENERATING MEANS
A
B
C
C
D
H
G

FIG 5


USER SIDE
AUTHENTICATION SYSTEM MANAGEMENT SIDE
DISPLAY SURFACE
INPUT DEVICE
READ DEVICE
ACCESS INFORMATION RECORDING MEANS
C
B
A
C
ACCESS INFORMATION RECORDING MEANS
ACCESS INFORMATION COMPARISON DETERMINING MEANS
F
REGISTRATION INFORMATION PRESENTING MEANS
REGISTRATION INFORMATION RECORDING MEANS
USER INFORMATION DETERMINING MEANS
AUTHENTICATION SIGNAL GENERATING MEANS
D
H
G